

IN THE UNITED STATES DISTRICT COURT  
FOR THE SOUTHERN DISTRICT OF WEST VIRGINIA

CHARLESTON DIVISION

IN RE: ETHICON, INC.  
PELVIC REPAIR SYSTEMS  
PRODUCT LIABILITY LITIGATION

MDL No. 2327

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THIS DOCUMENT RELATES TO:

Cases Identified in the Exhibit  
Attached Hereto

**MEMORANDUM OPINION AND ORDER**  
*(Daubert Motion re: Prof. Dr. Med. Uwe Klinge)*

Pending before the court is the Motion to Limit the Testimony of Dr. Med. Uwe Klinge [ECF No. 1978] filed by Johnson & Johnson and Ethicon, Inc. (collectively “Ethicon”). The Motion is now ripe for consideration because briefing is complete.

**I. Background**

This case resides in one of seven MDLs assigned to me by the Judicial Panel on Multidistrict Litigation concerning the use of transvaginal surgical mesh to treat pelvic organ prolapse (“POP”) and stress urinary incontinence (“SUI”). In the seven MDLs, there are more than 75,000 cases currently pending, approximately 30,000 of which are in this MDL.

In this MDL, the court’s tasks include “resolv[ing] pretrial issues in a timely and expeditious manner” and “resolv[ing] important evidentiary disputes.” Barbara J. Rothstein & Catherine R. Borden, Fed. Judicial Ctr., *Managing Multidistrict Litigation in Products Liability Cases* 3 (2011). To handle motions to exclude or to

limit expert testimony pursuant to *Daubert v. Merrell Dow Pharmaceuticals, Inc.*, 509 U.S. 579 (1993), the court developed a specific procedure. In Pretrial Order (“PTO”) No. 217, the court instructed the parties to file only one *Daubert* motion per challenged expert, to file each motion in the main MDL—as opposed to the individual member cases—and to identify which cases would be affected by the motion. PTO No. 217, at 4.<sup>1</sup>

## II. Preliminary Matters

Before plunging into the heart of the Motion, a few preliminary matters need to be addressed.

I am compelled to comment on the parties’ misuse of my previous *Daubert* rulings on several of the experts offered in this case. *See generally Sanchez v. Bos. Sci. Corp.*, No. 2:12-cv-05762, 2014 WL 4851989 (S.D. W. Va. Sept. 29, 2014); *Tyree v. Bos. Sci. Corp.*, 54 F. Supp. 3d 501 (S.D. W. Va. 2014); *Eghnayem v. Bos. Sci. Corp.*, 57 F. Supp. 3d 658 (S.D. W. Va. 2014). The parties have, for the most part, structured their *Daubert* arguments as a response to these prior rulings, rather than an autonomous challenge to or defense of expert testimony based on its reliability and relevance. In other words, the parties have comparatively examined expert testimony and have largely overlooked *Daubert’s* core considerations for assessing expert testimony. Although I recognize the tendency of my prior evidentiary determinations to influence subsequent motions practice, counsels’ expectations that I align with

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<sup>1</sup> Ethicon identified the Wave 1 cases affected by this Motion in its attached Exhibit A [ECF No. 1978-1], which the court has attached to this Memorandum Opinion and Order. At the time of transfer or remand, the parties will be required to designate relevant pleadings from MDL 2327, including the motion, supporting memorandum, response, reply, and exhibits referenced herein.

these previous rulings when faced with a different record are misplaced, especially when an expert has issued new reports and given additional deposition testimony.

Mindful of my role as gatekeeper for the admission of expert testimony, as well as my duty to “respect[ ] the individuality” of each MDL case, *see In re Phenylpropanolamine Prods. Liab. Litig.*, 460 F.3d 1217, 1231 (9th Cir. 2006), I refuse to credit *Daubert* arguments that simply react to the court’s rulings in *Sanchez* and its progeny. Indeed, I feel bound by these earlier cases only to the extent that the expert testimony and *Daubert* objections presented to the court then are identical to those presented now. Otherwise, I assess the parties’ *Daubert* arguments anew. That is, in light of the particular expert testimony and objections currently before me, I assess “whether the reasoning or methodology underlying the testimony is scientifically valid” and “whether that reasoning or methodology properly can be applied to the facts in issue.” *Daubert*, 509 U.S. at 592–93. Any departure from *Sanchez*, *Eghnayem*, or *Tyree* does not constitute a “reversal” of these decisions and is instead the expected result of the parties’ submission of updated expert reports and new objections to the expert testimony contained therein.

Finally, I have attempted to resolve all possible disputes before transfer or remand, including those related to the admissibility of expert testimony pursuant to *Daubert*. Nevertheless, in some instances I face *Daubert* challenges where my interest in accuracy counsels reserving ruling until the reliability of the expert testimony may be evaluated at trial. At trial, the expert testimony will be tested by precise questions asked and answered. The alternative of live *Daubert* hearings is

impossible before transfer or remand because of the numerosity of such motions in these seven related MDLs. As these MDLs have grown and the expert testimony has multiplied, I have become convinced that the critical gatekeeping function permitting or denying expert testimony on decisive issues in these cases is best made with a live expert on the witness stand subject to vigorous examination.

In the course of examining a multitude of these very similar cases involving the same fields of expertise, I have faced irreconcilably divergent expert testimony offered by witnesses with impeccable credentials, suggesting, to me, an unreasonable risk of unreliability. The danger—and to my jaded eye, the near certainty—of the admission of “junk science” looms large in this mass litigation.

The parties regularly present out-of-context statements, after-the-fact rationalizations of expert testimony, and incomplete deposition transcripts. This, combined with the above-described practice of recycling expert testimony, objections, and the court’s prior rulings, creates the perfect storm of obfuscation. Where further clarity is necessary, I believe can only be achieved through live witness testimony—not briefing—I will therefore reserve ruling until expert testimony can be evaluated firsthand.

### **III. Legal Standard**

By now, the parties should be intimately familiar with Rule 702 of the Federal Rules of Evidence and *Daubert*, so the court will not linger for long on these standards.

Expert testimony is admissible if the expert is qualified and if his or her expert

testimony is reliable and relevant. Fed. R. Evid. 702; *see also Daubert*, 509 U.S. at 597. An expert may be qualified to offer expert testimony based on his or her “knowledge, skill, experience, training, or education.” Fed. R. Evid. 702. Reliability may turn on the consideration of several factors:

- (1) whether a theory or technique can be or has been tested;
- (2) whether it has been subjected to peer review and publication;
- (3) whether a technique has a high known or potential rate of error and whether there are standards controlling its operation; and
- (4) whether the theory or technique enjoys general acceptance within a relevant scientific community.

*Cooper v. Smith & Nephew, Inc.*, 259 F.3d 194, 199 (4th Cir. 2001) (citing *Daubert*, 509 U.S. at 592–94). But these factors are neither necessary to nor determinative of reliability in all cases; the inquiry is flexible and puts “principles and methodology” above conclusions and outcomes. *Daubert*, 509 U.S. at 595; *see also Kumho Tire Co. v. Carmichael*, 525 U.S. 137, 141, 150 (1999). Finally, and simply, relevance turns on whether the expert testimony relates to any issues in the case. *See, e.g., Daubert*, 509 U.S. at 591–92 (discussing relevance and helpfulness).

At bottom, the court has broad discretion to determine whether expert testimony should be admitted or excluded. *Cooper*, 259 F.3d at 200.

#### **IV. Discussion**

Dr. Uwe Klinge, a native of Germany, practiced as a hernia surgeon. During his practice, he used mesh products to surgically repair abdominal wall hernias.

##### **a. Alternatives**

Ethicon challenges the reliability of Dr. Klinge’s expert testimony about

polyvinylidene fluoride (“PVDF”) mesh. As I have found before, this expert testimony is reliable. *In re Ethicon, Inc.*, No. 2:12-md-2327, 2014 WL 186872, at \*7 (S.D. W. Va. Jan. 15, 2014). To the extent Ethicon argues that Dr. Klinge’s testimony that PVDF was a safer alternative is unreliable because PVDF was not cleared by the FDA, this does not render Dr. Klinge’s testimony unreliable. This has no bearing on whether PVDF mesh is a safer alternative to other mesh products. So Ethicon’s Motion is **DENIED** on this point.

**b. Degradation, Fraying, and Particle Loss of Prolene**

Ethicon seeks to exclude Dr. Klinge’s opinion that the Prolene device is defective because it degrades and is subject to fraying and particle loss. Ethicon makes several arguments, which I address in turn.

*First*, Ethicon argues that Dr. Klinge’s testimony is irrelevant. In so doing, Ethicon seems to assume the outcome of this litigation. Ethicon states that because an opinion that states the device is defective is at odds with the medical community and literature, any evidence about fraying and particle loss is immaterial. The court does not subscribe to this logic and Ethicon’s Motion is **DENIED** on this point.

*Second*, Ethicon advances a similarly meritless argument about the relevance of Dr. Klinge’s general opinions on degradation, fraying, and particle loss because he cannot link these opinions to the facts of any specific case. A single expert need not provide all the pieces of the puzzle for their testimony to be useful to the jury in determining the ultimate issues in the case. *See, e.g., Huskey v. Ethicon, Inc.*, 29 F. Supp. 3d 691, 710 (S.D. W. Va. 2014) (rejecting a similar argument and stating

“general causation opinions are helpful to the jury and fit the facts of the case regardless of whether the plaintiff may ultimately fail to carry their burden to show that [the plaintiff] was harmed”). The Motion is **DENIED** as to this matter.

*Finally*, Ethicon argues that Dr. Klinge’s opinions on degradation, fraying, and particle loss should be excluded unless he can identify and explain their clinical significance. Basically, Ethicon argues that degradation is only relevant if the expert can link it to some type of complication. I reject this argument. A single expert need not provide all the pieces of the puzzle for their testimony to be useful to the jury in determining the ultimate issues in the case. *See, e.g., Huskey v. Ethicon, Inc.*, 29 F. Supp. 3d 691, 710 (S.D. W. Va. 2014) (rejecting a similar argument). Ethicon’s Motion is **DENIED** in this regard.

### c. Degradation, Fraying, and Particle Loss of Prolene Soft

Ethicon also seeks to exclude Dr. Klinge’s testimony that the Prolene Soft device is defective because it is subject to fraying and particle loss. Ethicon argues that Dr. Klinge relies primarily on studies examining mesh used to treat SUI rather than POP. According to Ethicon, Prolene—used to treat SUI—and Prolene Soft—used to treat POP—have different pore sizes and weights that might affect this analysis. The parties have not provided the court with sufficient information to judge the validity of this distinction or whether it has any bearing on opinions related to degradation, fraying, and particle loss. Accordingly, I **RESERVE** ruling until this matter may be probed further at trial.

Ethicon also argues that Dr. Klinge’s opinions about degradation should be

excluded because he cannot reliably opine on the clinical significance of degradation or tie degradation to any specific complication—suggesting it is therefore irrelevant. As I explained above, this argument is without merit and Ethicon’s Motion is **DENIED** in this regard.

**d. Prolift+M**

Ethicon also seeks exclusion of any testimony by Dr. Klinge on the Prolift+M device. The plaintiffs concede that they “will not elicit testimony from Dr. Klinge in cases involving the Prolift+M device.” Resp. 14 [ECF No. 2188]. Relying on this representation, Ethicon’s Motion on this matter is **DENIED as moot**.

**e. Prolene Sutures**

Ethicon next argues that Dr. Klinge should either “not be allowed to use Ethicon’s suture studies to support his opinion or Ethicon should be allowed to impeach him with evidence of the FDA’s approval of sutures for implantation in the human body.” Mem. 16 [ECF No. 1982]. Ethicon claims that any opinions regarding Prolene sutures “would be preempted by federal law.” Mem. 16. This court knows of no authority that supports the proposition that *opinions* may be preempted, and Ethicon does not cite to any. *See also Lewis v. Johnson & Johnson*, 991 F. Supp. 2d 748, 757–59 (S.D. W. Va. 2014) (rejecting Ethicon’s arguments that the FDA’s approval of the Prolene suture preempted products liability claims involving the Prolene mesh TVT). Accordingly, Ethicon’s Motion on this matter is **DENIED**. Nor should this ruling be construed to allow Ethicon to impeach Dr. Klinge with FDA evidence, as FDA approval of Prolene has no bearing on Dr. Klinge’s reliance on



Ethicon's studies as evidence of degradation. Ethicon's Motion is **DENIED** on this matter.

**f. Effective Porosity**

Finally, Ethicon seeks to exclude Dr. Klinge's opinions on effective porosity as irrelevant. Ethicon argues that "pore size is only relevant if larger pores would work better, and without a safer alternative design, any such testimony is purely speculative." Mem. 18. I reject this contrived relevance argument. The need to demonstrate a safer alternative design as part of products liability claims varies by state. Moreover, as I have explained above, an expert need not provide testimony on all contours of defective design for any one aspect of testimony to be relevant. Ethicon's Motion is **DENIED** on this point.

**V. Recurring Issues**

Many of the *Daubert* motions filed in this MDL raise the same or similar objections.

One particular issue has been a staple in this litigation, so I find it best to discuss it in connection with every expert. A number of the *Daubert* motions seek to exclude FDA testimony and other regulatory or industry standards testimony. To the extent this Motion raises these issues it is **GRANTED in part** and **RESERVED in part** as described below.

I have repeatedly excluded evidence regarding the FDA's section 510(k) clearance process in these MDLs, and will continue to do so in these cases, a position that has been affirmed by the Fourth Circuit. *In re C. R. Bard, Inc.*, 81 F.3d 913,

921–23 (4th Cir. 2016) (upholding the determination that the probative value of evidence related to section 510(k) was substantially outweighed by its possible prejudicial impact under Rule 403). Because the section 510(k) clearance process does not speak directly to safety and efficacy, it is of negligible probative value. *See In re C. R. Bard*, 81 F.3d at 920 (“[T]he clear weight of persuasive and controlling authority favors a finding that the 510(k) procedure is of little or no evidentiary value.”). Delving into complex and lengthy testimony about regulatory compliance could inflate the perceived importance of compliance and lead jurors “to erroneously conclude that regulatory compliance proved safety.” *Id.* at 922. Accordingly, expert testimony related to the section 510(k) process, including subsequent enforcement actions and discussion of the information Ethicon did or did not submit in its section 510(k) application, is **EXCLUDED**. For the same reasons, opinions about Ethicon’s compliance with or violation of the FDA’s labeling and adverse event reporting regulations are **EXCLUDED**. In addition to representing inappropriate legal conclusions, such testimony is not helpful to the jury in determining the facts at issue in these cases and runs the risk of misleading the jury and confusing the issues. Insofar as this Motion challenges the FDA-related testimony discussed here, the Motion is **GRANTED**.

A number of experts also seek to opine on Ethicon’s compliance with design control and risk management standards. Some of this testimony involves the FDA’s quality systems regulations, and some—likely in an attempt to sidestep my anticipated prohibition on FDA testimony—involve foreign regulations and

international standards. I find all of this proposed testimony of dubious relevance. Although these standards relate to how a manufacturer should structure and document risk assessment, the standards do not appear to mandate any particular design feature or prescribe the actual balance that must be struck in weighing a product's risk and utility. Nor is it clear that the European and other international standards discussed had any bearing on the U.S. medical device industry when the device in question was being designed.

Nevertheless, because the nuances of products liability law vary by state, I will refrain from issuing a blanket exclusion on design process and control standards testimony, whether rooted in the FDA or otherwise. Each standard must be assessed for its applicability to the safety questions at issue in this litigation, consistent with state law. I am without sufficient information to make these findings at this time. Accordingly, I **RESERVE** ruling on such matters a hearing, where the trial judge will have additional context to carefully evaluate the relevance and potential prejudicial impact of specific testimony.

Similarly, I doubt the relevance of testimony on the adequacy of Ethicon's clinical testing and research, physician outreach, or particular product development procedures and assessments otherwise not encompassed by the above discussion. Again, such matters seem to say very little about the state of the product itself (i.e., whether or not it was defective) when it went on the market. But because the scope of relevant testimony may vary according to differences in state products liability law, I **RESERVE** ruling on such matters until they may be evaluated in proper context at

a hearing before the trial court or at trial.

Additional—and more broad—matters also warrant mention. While some of these concerns may not apply to this particular expert, these concerns are raised so frequently that they are worth discussing here.

*First*, many of the motions seek to exclude state-of-mind and legal-conclusion expert testimony. Throughout these MDLs, the court has prohibited the parties from using experts to usurp the jury’s fact-finding function by allowing testimony of this type, and I do the same here. *E.g.*, *In re C. R. Bard, Inc.*, 948 F. Supp. 2d 589, 611 (S.D. W. Va. 2013); *see also, e.g.*, *United States v. McIver*, 470 F.3d 550, 562 (4th Cir. 2006) (“[O]pinion testimony that states a legal standard or draws a legal conclusion by applying law to the facts is generally inadmissible.”); *In re Rezulin Prods. Liab. Litig.*, 309 F. Supp. 2d 531, 546 (S.D.N.Y. 2004) (“Inferences about the intent and motive of parties or others lie outside the bounds of expert testimony.”). Additionally, an expert may not offer expert testimony using “legal terms of art,” such as “defective,” “unreasonably dangerous,” or “proximate cause.” *See Perez v. Townsend Eng’g Co.*, 562 F. Supp. 2d 647, 652 (M.D. Pa. 2008).

*Second*, and on a related note, many of the motions seek to prohibit an expert from parroting facts found in corporate documents and the like. I caution the parties against introducing corporate evidence through expert witnesses. Although an expert may testify about his review of internal corporate documents solely for the purpose of explaining the basis for his or her expert opinions—assuming the expert opinions are otherwise admissible—he or she may not offer testimony that is solely a conduit

for corporate information.

*Third*, many of the motions also ask the court to require an expert to offer testimony consistent with that expert's deposition or report or the like. The court will not force an expert to testify one way or another. To the extent an expert offers inconsistent testimony, the matter is more appropriately handled via cross-examination or impeachment as appropriate and as provided by the Federal Rules of Evidence.

*Fourth*, in these *Daubert* motions, the parties have addressed tertiary evidentiary matters like whether certain statements should be excluded as hearsay. The court will not exclude an expert simply because a statement he or she discussed may constitute hearsay. *Cf. Daubert*, 509 U.S. at 595. Hearsay objections are more appropriately raised at trial.

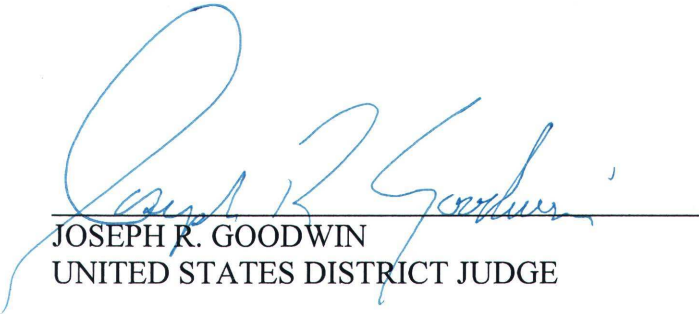
*Finally*, in some of the *Daubert* motions, without identifying the specific expert testimony to be excluded, the parties ask the court to prevent experts from offering other expert testimony that the moving party claims the expert is not qualified to offer. I will not make speculative or advisory rulings. I decline to exclude testimony where the party seeking exclusion does not provide specific content or context.

## **VI. Conclusion**

The court **DENIES in part**, **GRANTS in part**, and **RESERVES in part** the Motion to Limit the Testimony of Prof. Dr. Med. Uwe Klinge [ECF No. 1978].

The court **DIRECTS** the Clerk to file a copy of this Memorandum Opinion and Order in 2:12-md-2327 and in the Ethicon Wave 1 cases identified in the Exhibit attached hereto.

ENTER: August 24, 2016



JOSEPH R. GOODWIN  
UNITED STATES DISTRICT JUDGE

EXHIBIT A  
KLINGE

Case Name	Case #
Banks, Marie (Smith)	2:12-cv-01318
Bennett, Dina Sanders	2:12-cv-00497
Burkhart, Denise	2:12-cv-01023
Carpenter, Sharon & Gardner	2:12-cv-00554
Clayton, Melissa & Charles	2:12-cv-00489
Conti, Patricia	2:12-cv-00516
Dimock, Carol Jean	2:12-cv-00401
Essman, Joy & Kevin	2:12-cv-00277
Fox, Sherry & Roy, Jr.	2:12-cv-00878
Freeman, Shirley & William	2:12-cv-00490
Frye, Jackie	2:12-cv-01004
Funderburke, Betty	2:12-cv-00957
Grabowski, Louise	2:12-cv-00683
Gray-Wheeler, Pamela	2:12-cv-00455
Hill, Barbara A. & Billy W.	2:12-cv-00806
Justus, Joyce	2:12-cv-00956
Kaiser, Barbara	2:12-cv-00887
Kivel, Beverly	2:12-cv-00591
Kropf, Diane & Joseph	2:12-cv-01202
Lehman, JoAnn	2:12-cv-00517
Loustaunau, Donna	2:12-cv-00666
McBrayer, Dee & Timothy	2:12-cv-00779
Morrow, Tina & Kenneth	2:12-cv-00378
Nix, Cynthia	2:12-cv-01278
Olson, Mary Jane & Daniel	2:12-cv-00470
Riddell, Brenda & James	2:12-cv-00547
Ruebel, Ana	2:12-cv-00663
Ruiz, Patricia	2:12-cv-01021
Shively, Teri Key & Johnny	2:12-cv-00379
Stone, Maria C. & Mark A.	2:12-cv-00652
Taylor, Charlene Logan	2:12-cv-00376
Vignos-Ware, Barbara J. & Gary L.	2:12-cv-00761
Walker, Shirley & Roosevelt	2:12-cv-00873
Williams, Judy G.	2:12-cv-00657
Wilson, Blynn <b>Wolfe, Elizabeth Blynn</b>	2:12-cv-01286
Wolfe, Kathleen	2:12-cv-00337
Wolfe, Sandra	2:12-cv-00335